

FFID: CA957182457500
Size: 6,383 acres
Mission: Provide air refueling and strategic airlift services for troops, cargo, and equipment
HRS Score: 29.49; placed on NPL in November 1989
IAG Status: Federal facility agreement signed in September 1990 and amended in May 1993, October 1995, July 1996, November 1997, and July 1998
Contaminants: VOCs, heavy metals, and PAHs
Media Affected: Groundwater, surface water, sediment, and soil
Funding to Date: \$78.0 million
Estimated Cost to Completion (Completion Year): \$145.1 million (FY2049)
Final Remedy in Place or Response Complete Date for All Sites: FY2012
Five-Year Review Status: Planned



Solano County, California

Plan of Action

- Begin construction of landfill cap in FY01
- Complete IRA at one off-base groundwater plume in FY01
- Complete removal action at Cypress Lakes Golf Course in FY01
- Complete WABOU soil ROD in FY02
- Begin remedial action at seven soil sites in FY02
- Complete 5-year review as planned

Restoration Background

Travis Air Force Base has supported Air Force operations since 1943. Historical activities at the base have resulted in releases of fuels, solvents, and petroleum/oils/lubricants, which migrated into groundwater. Since FY85, studies have identified numerous sites, including old landfills, a closed sewage treatment plant, four fire training areas, disposal pits, spill areas, the storm sewage drainage system, a pesticide disposal site, and a low-level radioactive waste burial site. In FY93, the Air Force divided the installation into four operable units (OUs).

Interim actions at the installation have included removal of 27 underground storage tanks. Granular activated carbon treatment systems were installed to treat groundwater contaminated with trichloroethene (TCE) at a storm sewer outfall in Union Creek and a source area for the installation's largest TCE groundwater plume. Treatability studies were conducted on use of horizontal wells, two-phase extraction systems, bioventing, and bioslurping.

The installation completed field investigations and remedial investigation (RI) reports for all OUs. It also completed one TCE removal action at the storm sewer outfall and implemented another TCE removal action.

In FY96, the installation combined the North, East, and West Industrial OUs into a single OU (NEWIOU) for the feasibility study (FS), the proposed plan (PP), and the Record of Decision (ROD). The FS for the NEWIOU and the PP for the groundwater part of the NEWIOU were completed. In FY97, the RI for the West/Annexes/Basewide OU (WABOU) was completed and the interim action for the installation's largest TCE-contaminated groundwater plume was expanded.

In FY98, an interim ROD was signed for groundwater in NEWIOU. The NEWIOU PP for surface water, sediment, and soil was completed and public comments received. The base completed the FS and PPs for groundwater and soil sites at WABOU. Interim remedial actions (IRAs) began at two of three sites from which contaminated groundwater had migrated off site, and at two additional sites. Interim remedial design began on 14 other groundwater sites. A two-phase extraction well was installed in an area expected to contain free-phase TCE. In FY99, the WABOU groundwater interim ROD was signed.

In FY95, the installation formed a Restoration Advisory Board (RAB).

FY00 Restoration Progress

IRAs were completed at nine groundwater sites. However, additional comments from EPA delayed the planned removal action at Cypress Lakes Golf Course. The WABOU soil ROD was also not completed, because of late comments on the draft ROD. The IRA for one off-base groundwater plume (SS030) was completed. Action on the second plume (FT005) is on schedule. Action on the third plume was delayed due to a 65 percent cut in the Travis restoration budget. This budget cut also delayed several other projects, including RA at eight WABOU soil sites and completion of IRAs at all groundwater sites.

The RAB continues to review restoration documents and provide advice on project prioritization in light of budget cuts. Twelve new community members were added to the RAB.

FY01 FUNDING BY PHASE AND RELATIVE RISK

